

Product Datasheet

HOOK1 Antibody - BSA Free

NBP1-81745

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-81745

HOOK1 Antibody - BSA Free

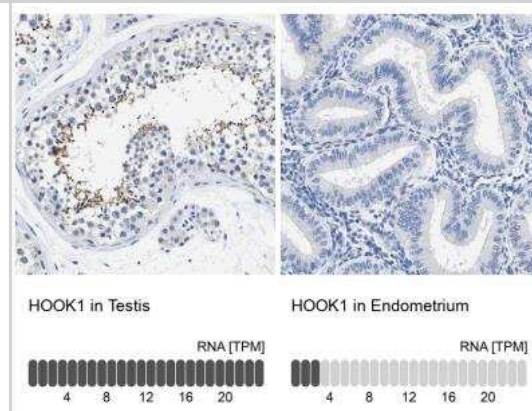
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	51361
Gene Symbol	HOOK1
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (26114544).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KRALEELQEALAEKEELRQRCEELDMQVTTLQDEKNSLVSEENEMMNEKLDQL DGSFDDPNTVAKKYFHAQLQLEQLQEENFRLEAAKDDYRVHC

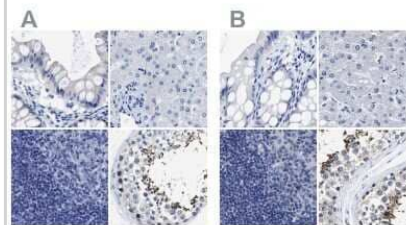
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	IHC, WB reported in scientific literature (PMID: 26114544). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

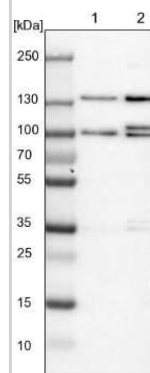
Immunohistochemistry-Paraffin: HOOK1 Antibody [NBP1-81745] - Analysis in human testis and endometrium tissues using antibody. Corresponding HOOK1 RNA-seq data are presented for the same tissues.



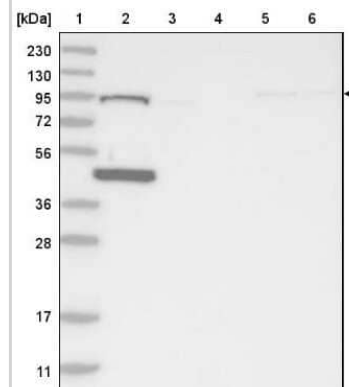
Immunohistochemistry-Paraffin: HOOK1 Antibody [NBP1-81745] - Staining of human colon, liver, lymph node and testis using Anti-HOOK1 antibody NBP1-81745 (A) shows similar protein distribution across tissues to independent antibody NBP1-81744 (B).



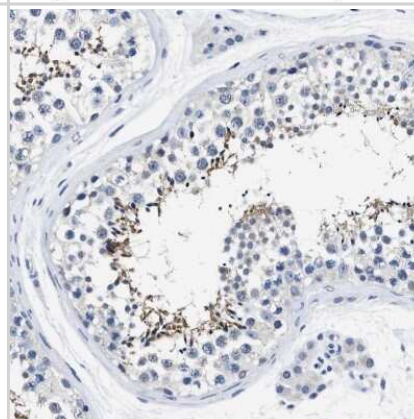
Western Blot: HOOK1 Antibody [NBP1-81745] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



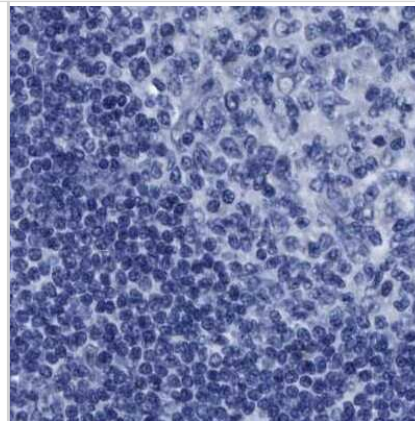
Western Blot: HOOK1 Antibody [NBP1-81745] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



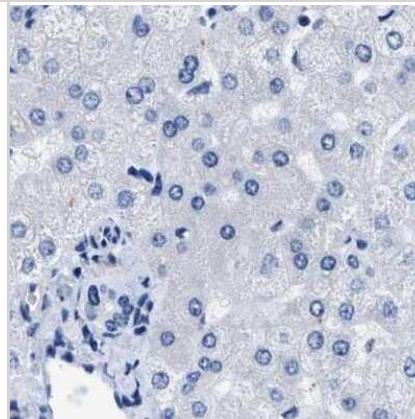
Immunohistochemistry-Paraffin: HOOK1 Antibody [NBP1-81745] - Staining of human testis shows high expression.



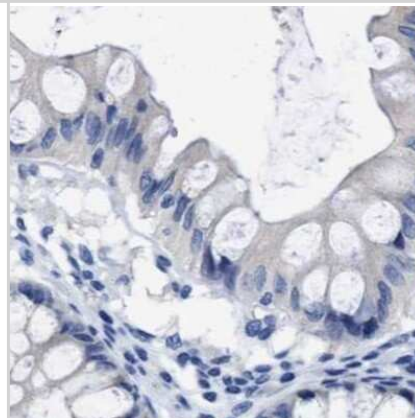
Immunohistochemistry-Paraffin: HOOK1 Antibody [NBP1-81745] - Staining of human lymph node.



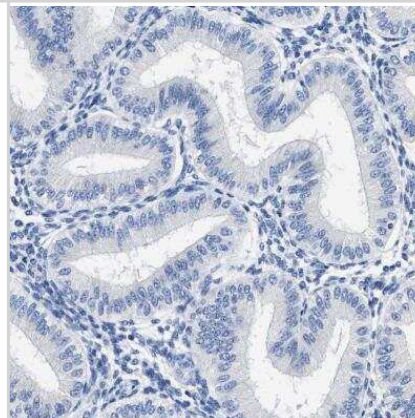
Immunohistochemistry-Paraffin: HOOK1 Antibody [NBP1-81745] - Staining of human liver.



Immunohistochemistry-Paraffin: HOOK1 Antibody [NBP1-81745] - Staining of human colon.



Immunohistochemistry-Paraffin: HOOK1 Antibody [NBP1-81745] - Staining of human endometrium shows no cytoplasmic positivity in glandular cells as expected.



Publications

Cadalbert LC, Ghaffar FN, Stevenson D et al. Mouse Tafazzin Is Required for Male Germ Cell Meiosis and Spermatogenesis. PLoS One 2015-01-01 [PMID: 26114544] (IF/IHC, WB, Mouse)



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Products Related to NBP1-81745

NBP1-81745PEP	HOOK1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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